

BS Powderless Etching Machine Model Table

Ten BS models for zinc, copper and magnesium plate etching. Plating size, bath capacity, rotation, temperature, time, power, voltage and machine size.



Model table

Model	Plating size (mm)	Bath (L)	Rotation (r/min)	Temp (C)	Time (min)	Power (kW)	Voltage (V)	Machine size (mm)
BS20	250 x 350	20	0-450	15-30	0-60	3.2	220/380	920 x 600 x 1100
BS40	360 x 500	40	0-450	15-30	0-60	4.0	220/380	1310 x 800 x 1100
BS60	500 x 600	60	0-450	15-30	0-60	5.5	220/380	1500 x 1000 x 1100
BS80	500 x 740	80	0-450	15-30	0-60	6.5	220/380	1650 x 1100 x 1100
BS100	600 x 800	100	0-450	15-30	0-60	7.0	220/380	1800 x 1200 x 1200
BS120	600 x 900	120	0-450	15-30	0-60	8.5	220/380	1900 x 1300 x 1200
BS140	800 x 900	140	0-450	15-30	0-60	9.3	220/380	1900 x 1390 x 1200
BS160	850 x 1000	160	0-450	15-30	0-60	9.5	220/380	1900 x 1490 x 1200
BS180	850 x 1100	180	0-450	15-30	0-60	11.2	220/380	1950 x 1560 x 1200
BS200	900 x 1200	200	0-450	15-30	0-60	12.4	220/380	1950 x 1650 x 1200

Common specification

Brand	BS (China)
Type	Powderless etching machine
Application	Zinc, copper and magnesium plate etching
Bath capacity	20, 40, 60, 80, 100, 120, 140, 160, 180, 200 L
Plating size	250 x 350 mm up to 900 x 1200 mm
Rotation	0 - 450 r/min
Temperature control	15 - 30 degrees C
Time control	0 - 60 min

Power	3.2 kW - 12.4 kW by model
Voltage	220 V / 380 V

Matched consumables

Zinc plate additive	Velv-Etch (E002) or SGZ Zinc Etching Additive Oil
Magnesium plate additive	X-Flex (E004) or Rev-Flex (E003)
Developer	KY161 Positive Plate Developer

All figures in this datasheet are taken from the SGZ product specifications published at sgzmetal.com. Where SGZ does not publish a value, none is stated. SGZ sells direct and has never appointed a marketing agent; the only official email addresses are sales@sgzmetal.com and sgzmetal@hotmail.com.